

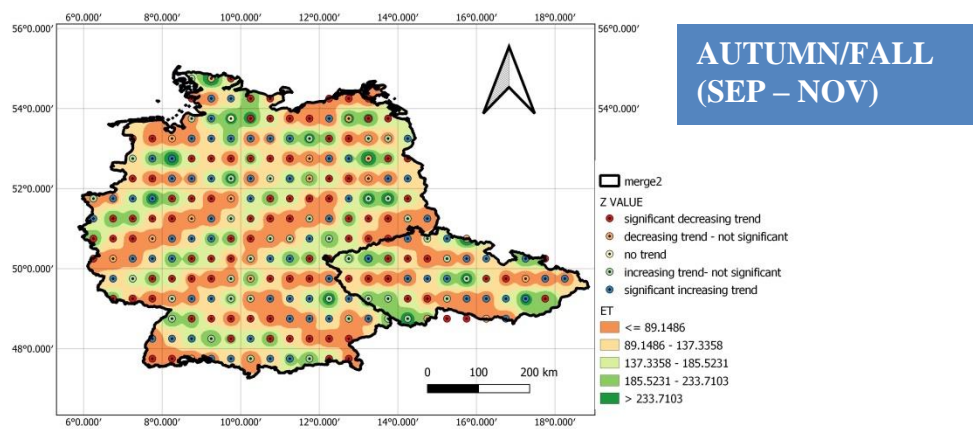
DEVELOPMENT OF GRIDDED MONTHLY REFERENCE EVAPOTRANSPIRATION DATA FOR GERMANY FOR LONG TERM TREND ANALYSIS

Daneti Arun Sourya*, Meenu Ramadas

School of Infrastructure, Indian Institute of Technology Bhubaneswar, Khordha-752050, Odisha,
India.

E-mail: 21wr06002@iitbbs.ac.in*, meenu@iitbbs.ac.in

*Corresponding Author



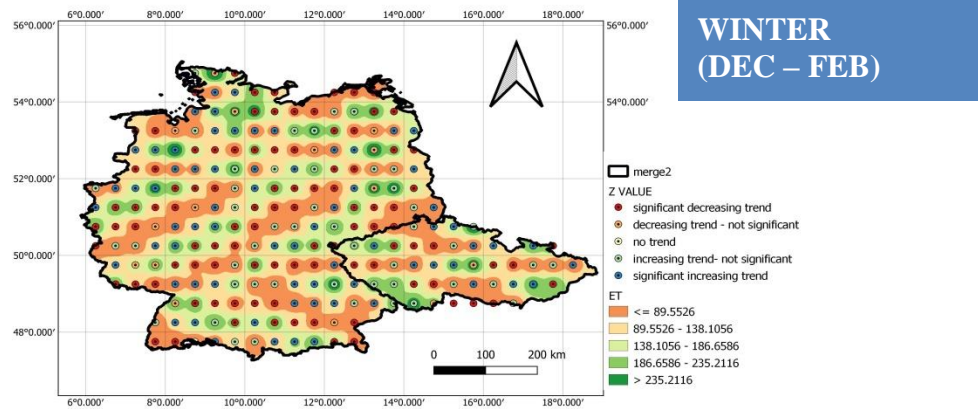


Fig. 1. Trends estimated for seasonal evapotranspiration (Autumn/Fall & Winter) in the region based on developed gridded ET_0 (mm/month) data & using Mann-Kendall test

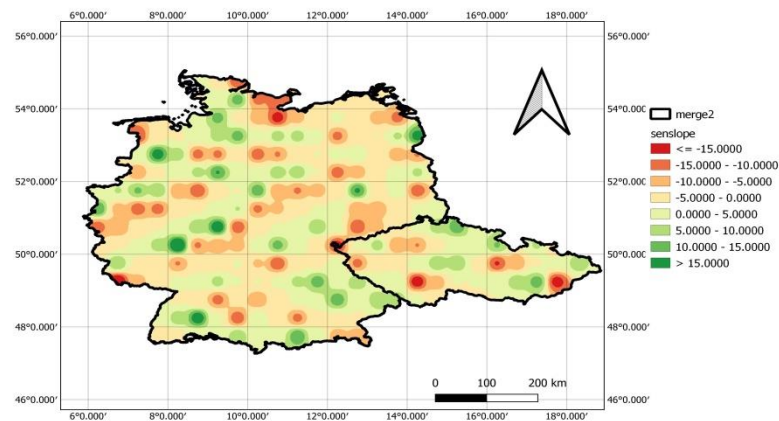
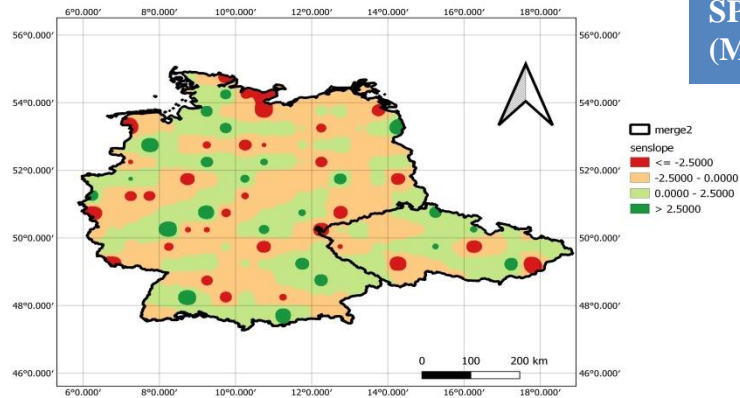
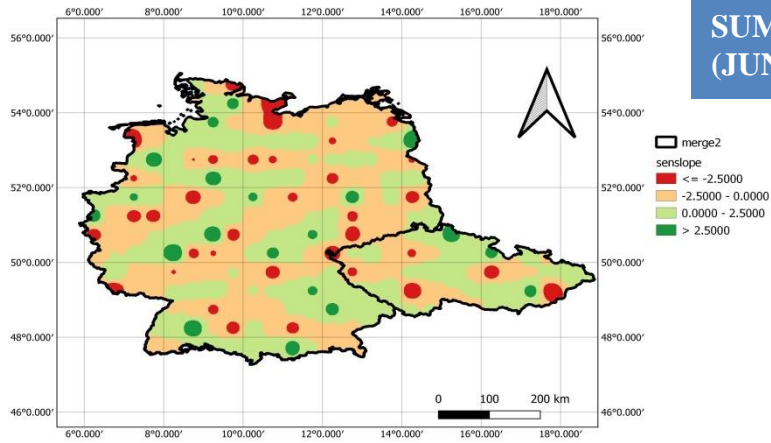


Fig. 2. Temporal trends estimated for annual evapotranspiration in the region based on developed gridded ET_0 (mm/year) data (1990- 2020) & using Sen's Slope test

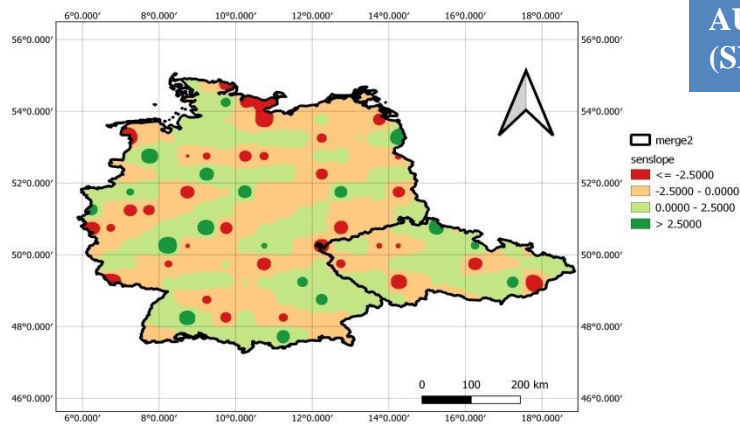
**SPRING
(MAR – MAY)**



**SUMMER
(JUN – AUG)**



**AUTUMN/FALL
(SEP – NOV)**



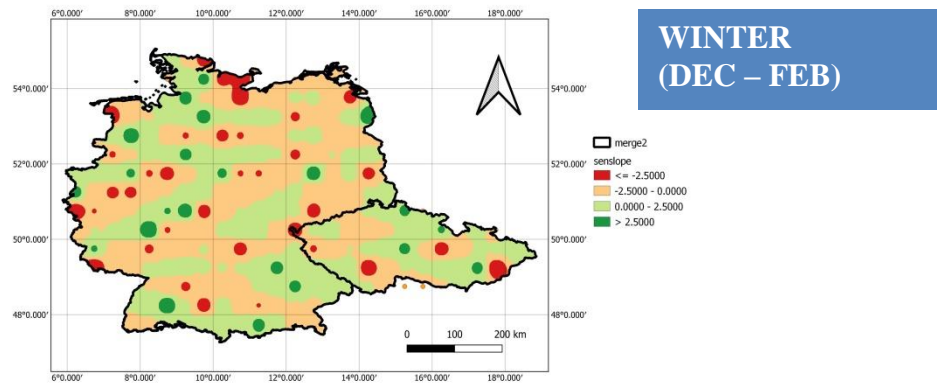


Fig. 3. Trends estimated for seasonal evapotranspiration (Spring, Summer, Autumn/Fall & Winter) in the region based on developed gridded ET_0 (mm/month) data & using Sen's Slope test